

Digital Submittals FAQ

Here are the answers to some **F**requently **A**sksed **Q**uestions regarding the Digital Submittal of Maps and Plans to the City of Carlsbad.

When are Digital Submittals required?

The timing of digital submittals depends on the type of map or plan being submitted. The following list summarizes the submittal points for digital maps and plans.

Final Tract Map (Final Map) -

First submittal and Mylar submittal of the Final Tract Map (Final Map)

Improvement Plans -

First submittal and Mylar submittal of the Improvement Plan

Grading Plan -

First submittal and Mylar submittal of the Grading Plan

What file format do I use?

Digital files must be in either AutoCAD (dwg or dxf) format. The files must be on PC formatted media of the following types: CD or DVD.

Files should not be compressed, if possible.

Files should not be submitted in Intergraph drawing file, or any graphic (BMP/JPG/TIFF/PDF/etc.) format.

What about Layer Names?

The Standard specifies layer names and the data to be contained on each layer. However, since most companies have their own internal standards, the City will only require that the data specified for each layer be contained on one or more discrete layers, with a chart specifying which of the layers submitted correspond to the required layers.

I use X-Refs. How do I deal with those?

Include any files that are referenced by the drawings with the submittal. The easiest way to include all the files will be to use the "Pack' n Go" or "E-Transmit" feature that comes with AutoCAD.

I do all my drafting by hand. Do I have to convert my files to a digital format?

If you do not have the capability to submit the required digital files, call Alfred Romero at (760) 602-2769 (email alfred.romero@carlsbadca.gov) to discuss the issue.

Do I need to format the drawings in any certain way?

One of the primary issues has been the point of origin for the digital files. The Standard requires that all maps and plans be submitted in California Coordinate System (CCS) coordinates-NAD83. This allows the files to be inserted into the GIS database in the correct location. If the drawings are not in CCS coordinates, they cannot be properly located on the City base map.

How do I know if my drawings are in CCS (NAD83)?

To check if your drawings are in NAD83 you will need to "XREF" the "Carlsbad_NAD83R14.dwg" (included with the City standard title sheet drawings available at the Engineering front counter) and use the insertion point (0,0,0).

If you have not found the answer to your question, please call Alfred Romero at (760) 602-2769 or email alfred.romero@carlsbadca.gov for further information.